Missouri Botanical Garden
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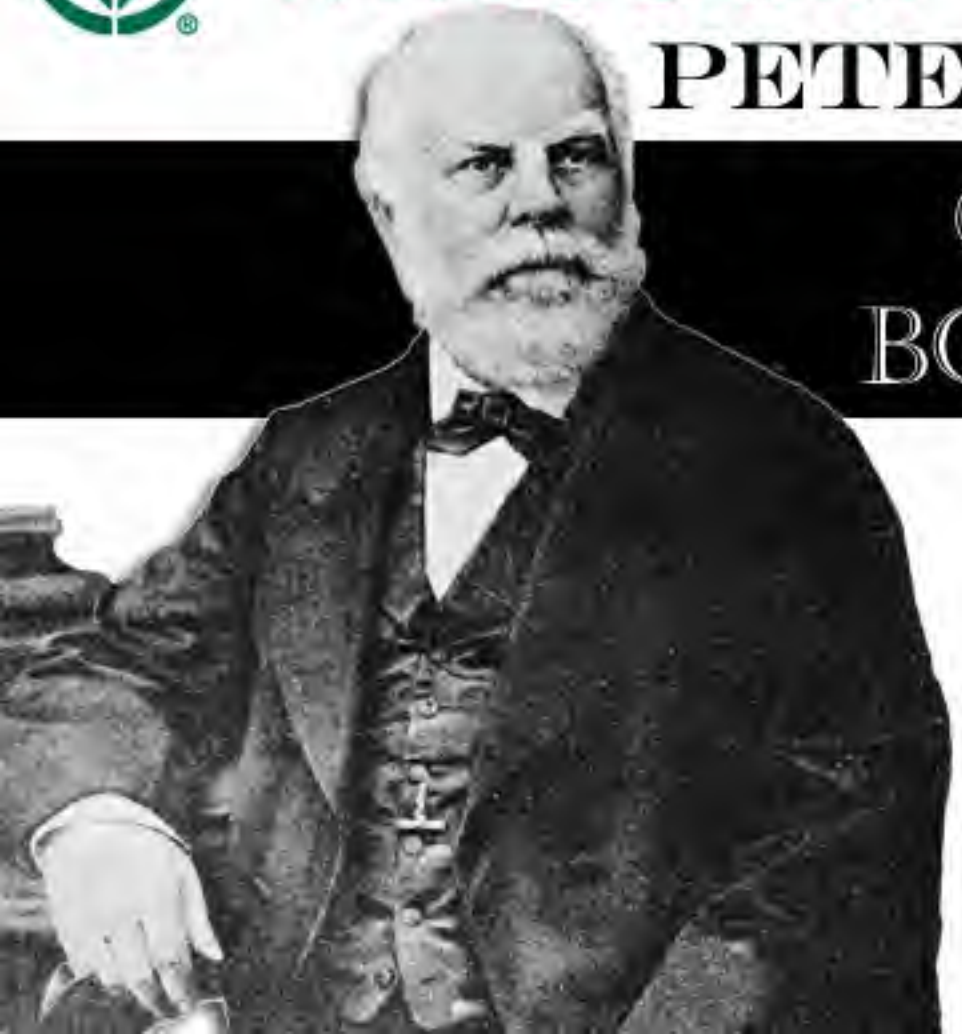
George Engelmann Botanical Notebooks



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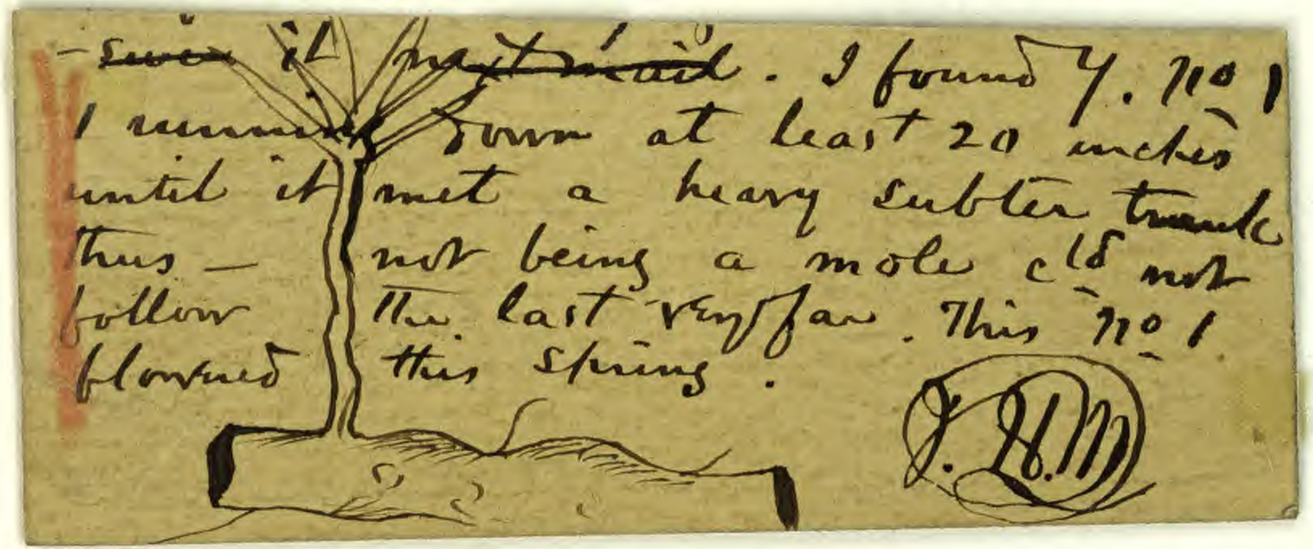
I found ♀ No 1
down at least 20 inches
met a heavy subter trunk
not being a mole cld not
the last very few. This No 1
this spring.
J. H. M

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No.		20 Gr.	Prise
		Sgr.	Sgr.
8348	Microlonchus salmanticus	—	4
8349	Mitella diphylla	—	3
8350	Modiola geranioides	—	6
8351	Monarda didyma	50	4
8352	» fistulosa	—	4
8353	» splendens	40	4
8354	» gemischte Sorten	25	3
8355	Moraea elegans	—	4
8356	» iridioïdes	50	4
8357	» edulis (odora)	25 K.	— 4
8358	» collina	25 »	— 3
8359	» sinensis	18	2
8360	Morina longifolia, (elegans)	50	4
8361	Mulgedium Plumieri	—	3
8362	» sibiricum	—	3
8363	Muscari botryoides album	25 K.	— 3
8364	» » atrocoeruleum	25 »	— 2
8365	» » » major	25 »	— 3
8366	» » coeruleum	25 »	— 2
8367	» » » major	25 »	— 3
8368	» » pallidum	25 »	— 3
8369	» » gemischt	50 »	— 3
8370	» albo-virens	25 »	— 3
8371	» commosum	18	3
8372	» » atrocoeruleum	25	3
8373	» » major	50 K.	— 3
8374	» c[illegible]tatum	50 »	— 4
8375	» [illegible]	50 »	— 4
8376	» [illegible]	50 »	— 4
8377	» [illegible]	50 »	— 4
8378	» [illegible]ritimum	50 »	— 3
8379	» monstrosum	25	3
8380	» neglectum	50 K.	— 3
8381	» pallens	50 »	— 4
8382	» plumosum	18	3
8383	» pulchellum, reizend	50 K.	— 4
8384	» racemosum	35	3
8385	» » cilicicum	25 K.	— 3
8386	» » collinum	25 »	— 3
8387	» suaveolens	50 »	— 4
[illegible]	[illegible]	[illegible]	[illegible]

No.		20 Gr.	Prise
		Sgr.	Sgr.
8441	Nepeta grandiflora	—	3
8442	» latifolia	20	3
8443	» macrantha	25	3
8444	» nuda	—	3
8445	» tuberosa	—	3
8446	» villosa grandiflora	—	3
8447	Neslia paniculata	—	3
8448	**Nierembergia Veitchii**, niedliche kriechende grossblumige, blasslilla, im Freien aushaltende Species	50	4
8449	Nothoscordum striatellum	25 K.	— 3
8450	Obeliscaria aurantiaça	8	2
8451	» atrosanguinea	8	2
8452	» columnaris	50	4
8453	Oenothera canariensis	50	4
8454	» **chrysantha**, sehr gross, leuchtend gelb	9	2
8455	» crassipes, hübsch	9	2
8456	» crocata	—	3
8457	» elata	—	3
8458	» **Fraseri**	7	1
8459	» **fruticosa**, niedrige, sehr reichblühende goldgelbe, sehr schön	25	3
8460	» » **major**, grossblum., auch sehr schön für Topfcultur	25	3
8461	» grandiflora	4	1
8462	» » **major**, lange dichte Rispen grosser, leuchtend goldgelber Blumen, prachtvoll	9	2
8463	» humilis	25	3
8464	» linifolia	—	3
8465	» media	18	3
8466	» **missouriensis** (macrocarpa), prachtvolle, ganz niedrige, sehr grossblühende Species	8	2
8467	» modesta	25	3
8468	» muricata	18	3
8469	» pumila, 15 à 20 Cm. hohe goldgelbe, schön	9	2

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No.		20 Gr. Sgr.	Prise Sgr.
8200	Linaria alpina, reizend für Felsenpartien u. Einfassungen, schön blau und immerblühend	25	3
8201	» Cymbalaria, niedlich	50	3
8202	» genistaefolia	—	2
8203	» pilosa	—	2
8204	» stricta	5	1
8205	» » alba	18	2
8206	» » albo-rosea	18	2
8207	» » carnea	9	1
8208	» » purpurea	9	1
8209	» » rosea	9	1
8210	» tristis, hübsch	9	1
8211	Lindelofia spectabilis	25	3
8212	Linum africanum	—	3
8213	» alpinum	12	2
8214	» anglicum	18	2
8215	» angustifolium	20	3
8216	» campanulatum grandiflorum, schön	12	2
8217	» » speciosum, prachtvoll, dunkelgelb, neu 100 K. 8 Sgr., 25 K.	—	3
8218	» candidissimum	35	3
8219	» compactum	—	3
8220	» Lewisi	7	1
8221	» » variegatum	7	1
8222	» narbonense	12	2
8223	» nervosum	18	2
8224	» perenne à Kil. 2½ Pfd.,	3	1
8225	» » fl. albo	9	1
8226	» » flore lilacino, neu	9	1
8227	» » roseum	5	1
8228	» » variegatum	—	4
	» andere Species siehe Sommer- u. Topfgewächse.		
8229	Lobelia alba grandiflora . . 200 K.	—	4
8230	» cardinalis 1000 K. 12 Sgr., 200 »	—	4
8231	» fulgens (scarlet) 1000 K.		
8232	» » Anro		
8233			

No.		20 Gr. Sgr.	Prise Sgr.
8274	Lupinus polyphyllus albus	4	1
8275	» polyphyllus atropurpureus	12	2
8276	» » bicolor	12	2
8277	» » coeruleo-pallidus	12	2
8278	» » grandiflorus	12	2
8279	» » lilacinus	12	2
8280	» » roseo-coelestinus	12	2
8281	» » speciosus	12	2
8282	» » striatus.	12	2
8283	» » 12 andere Varietäten, jede	12	2
8284	» pulchellus	12	2
8285	» spicatus	12	2
8286	» venosus atrocoeruleus.	12	2
8287	Luzula nivea . 100 K. 8 Sgr., 25 K.	—	3
8288	Lychnis alpina, reizend	150	5
8289	» chalcedonica, rothe	3	1
8290	» » fl. albo	8	2
8291	» » fl. carneo	4	1
8292	» » **mutabilis**	9	2
8293	» **fulgens**	18	3
8294	» **grandiflora gigantea** (japonica speciosa), doppelt so gross als L. Haageana, siehe Abbildung Seite 78 unseres Katalogs für 1869, scharlach	50	4
8295	» » atrococcinea	100	4
8296	» » alba K.	—	4
8297	» » carnea 50 »	—	4
8298	» » kermesina	100	4
8299	» » **lilacina**, neu 100 K. 40 Sgr., 10 K.	—	5
8300	» **Haageana**, leuchtend scharlach.	25	3
8301	» » atrococcinea, dunkelscharlach	25	2
8302	» » carnea, fleischfarben	25	3
8303	» » isabellina, chamois	40	4
8304	» » kermesina, carmoisin		4

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S Mellichamp Sept 2d 1871

Yucca filamentosa (No 1) occurs in patches of 20 or 30 plants — there are 3 distinct patches about here: Hunting Island patch, Ramsey Creek patch and Bucksville patch — trunks 3–5 inches high — more of scape than in No 2 or No 3

Leaves often or usually 100* in the robust & flowering plants

S Mellichamp Sept 2d

Scapes very smooth 6–8' high, panicle more crowded & inflorescence than the others

Leaves abruptly pointed

scape panicle, flowerbuds all tender pea green

May 1872: Leaves stout, straight, 80–100 or more

Aug 7 1872 filaments fine, curly, abundant

8752

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Feb 8 1871

V. filamentosa ?

Oscillatoria sordida
near salt water
in pools

of Hunting is Can
Dr J. K. Mellichamp Jan 1871
trunk 4 inches, rope 8 feet

x 4

Capsule

sect.

+150

surface of seed

Aug 15. 1872

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Leitch & Curtis
DRUGGISTS
Corner Fifth and Market Streets
Saint Louis

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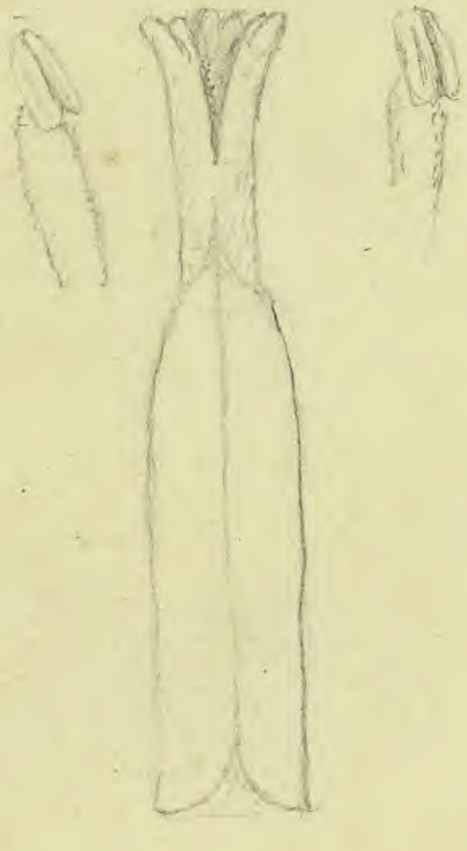
Y. filamentosa marked 1 May 31 1877

x 2



Dr Mellichamp S.C.
native on Heating Island
May 20 1877

ovules x 30

each 0,22 m.m. thick

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Leitch & Collies

CHROMOS

South West Corner Fifth and Market Streets

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"Specimen No 1"

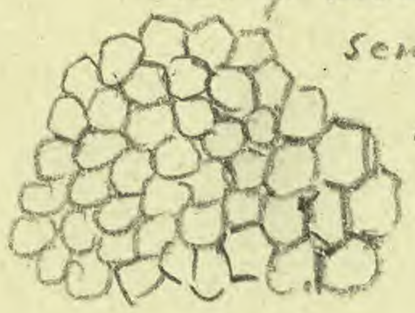
June 29 1872

X150

Bluffton S C. to Meadowlands Jun 1872

surface sculpturing

immature

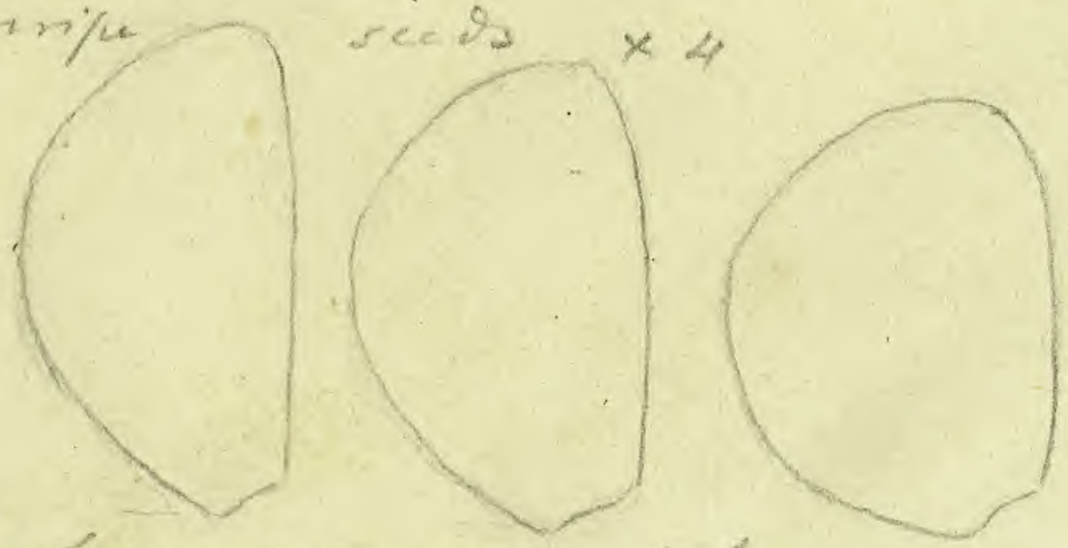


cells of testa of brown semi transparent immature seed

same sprayed under surface

testa? surface of white seed

unripe seeds x 4



from same capsule

Aug 12 ripe seed

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Yucca

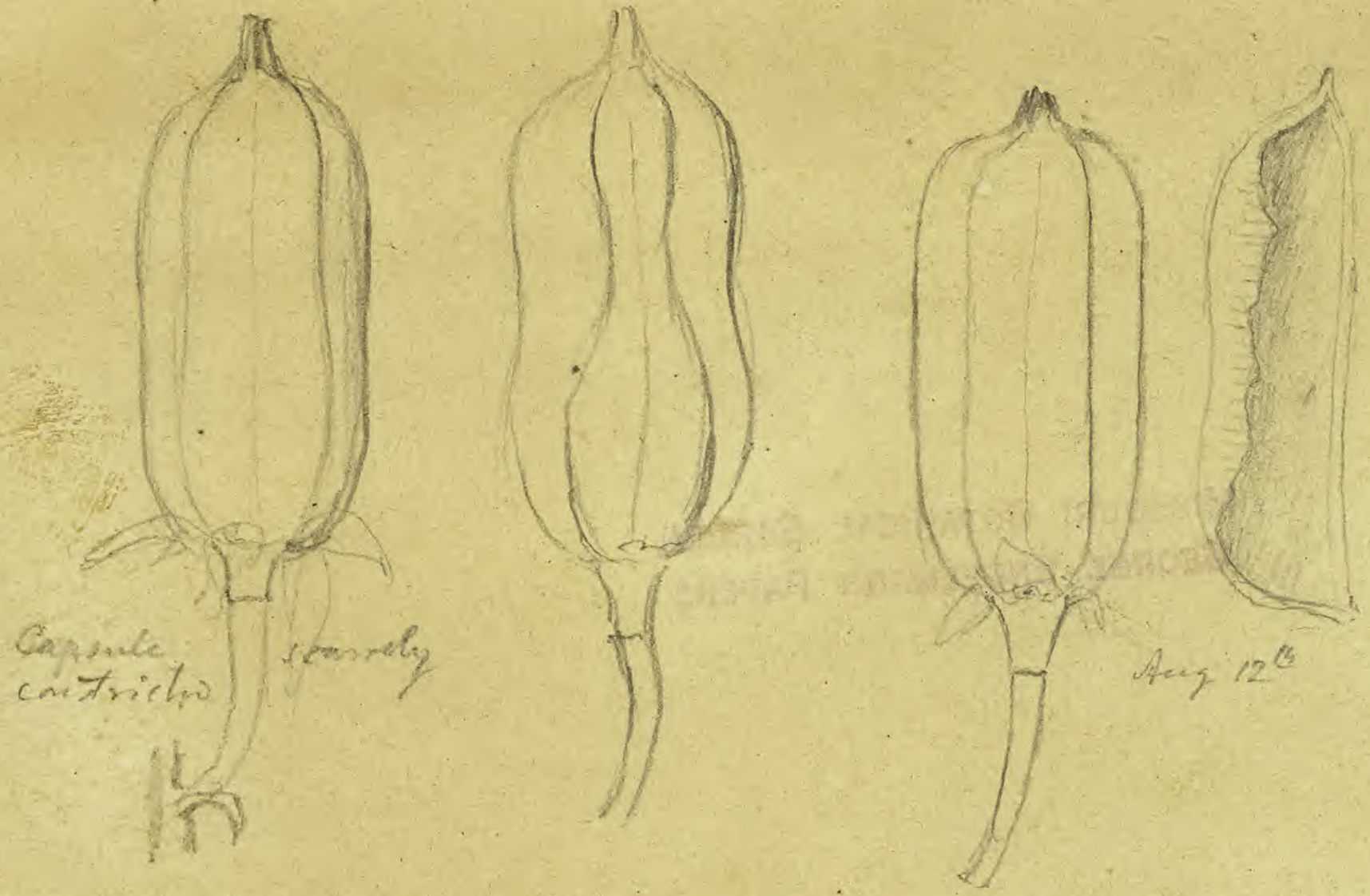
No 1

Bluffton S. Carol

July 28 1872

Dr Mellichamp

July 1872



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ALEX. LEITCH.

APOTHECARY & PHARMACEUTIST.

Marble Building Cor. Fourth & Olive Sts. St. Louis, Mo.

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Clayton Flor Virgin, ed Gronovius
Lugdun. 1762

pag 53. Yucca foliis Convolutis acuminatis
integerrimis, margine filamentosis
[Carolina Virginia to the plant called in Virginia]
Yucca littoribus arenosis fluminum orientis

Dr Clayton

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Dr Engelmann

My little boy has had a very bad cold for several days, and to night he has severe coughs constantly, also is hot bowels

Chas Pfeiffer

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genuine angustifolia Dec 1870

Mellichamp No. 1

Yucca filamentosa Mr Chavis is indefinite

Rush 1. 227 a single foliis late-lanceolatis — — —

stigmatibus recurvato-patentibus

Baudin gentes Willd sp. pl. 2. 184.

Nuttall 1. 400 copies Rush, leaving off (late-) &

and in the fuller description says nothing

of flowers or styles — this description evidently

refers to the commonly cultivated plant

Nuttall gen 1. p. 218 "gen. char. "capsula oblonga" & "angulis"

Dr Linguishes between the pulpy

fruit of Y. gloriosa and capsular dry of Y. angustifolia.

Gray Manual ed. 1856 p. 471 mixes the characters

unnaturally "fleshy, tardily 3 valved & pulpy"

Torrey in Bot Board 1859, pag 221 describes

Y. recurva with pulpy and other specs with dry fruit

Chapman in Flora p. 485 (1860) divides Yucca into

1 capsule dry and capsule pulpy.

He is the only one to speak of a Yucca really

a foot high in this plant, which shows

that he meant the recurved one

Yucca filamentosa Bot Mag t. 100 gives the broad

abruptly acute leaf of this plant.

London Arb. Brit. p. 2526 copies it, and calls the leaf

obtuse (meaning without spinous tip?)

says, that Willdenow speaks of the leaves as

"serrated and threadly"

Herb Torrey, Y. filamentosa N. Carol: Curtis, Leaf 13 inches by 18 wide,

a case only 4 ribs — style long, stigma deeply divided —

the normal plant. — petals nearly equally wide acuminate

1 3/4 inch long Inflorescence unarmed

Alabama Buckley the same — leaf erect & under 1/2 inch

gradually tapers to tip

Florida Chapman, leaf similar but narrower only 10" wide — Infl. pubescent

fl. like Curtis'

over

Tampa Bay Barrows similar to last, 2 leaves only;
leaves 15–18 inches long, evident in earlier, even below
middle; tapering; leaf figured — opposite page
In all the fibrous are coarse, generally much curled,
and very conspicuous near concave tip

Tampa Bay & Barrows leaves still narrower
and longer 3/4" wide, 2 1/4' long — fine fibres —
inflorescence paniculate branches ascending pubescent
bracts small, lanceolate, acute herbaceous — flower figured

Yucca flaccida (var) Maryland, Canby (verbally)
Lincoln Co. N.C., Lowman, Dr C.L. Hunter

N. Carolina
Carter
⁄ 46 Torrey

Alabama
Buckley
⁄ 46 Torrey

Tampa Bay
Florida
Dr Barrows
(not Dr Burrows as the spelled)
⁄ 46 Torrey

a

b

c

8758

29-307

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